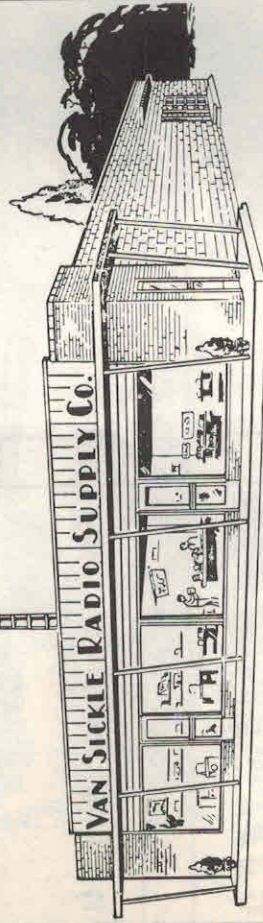
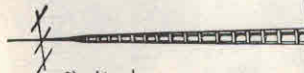


Gene

Van Sickle,

W9KJF

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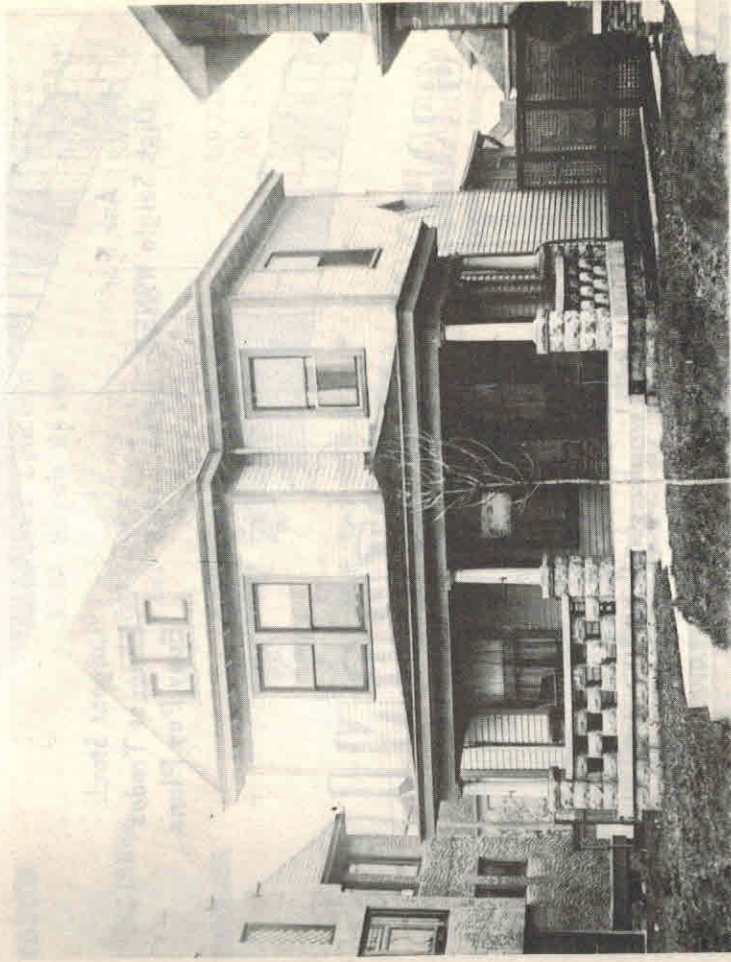
# W9KJF

DECEMBER - 1964

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FOUNDED 1914



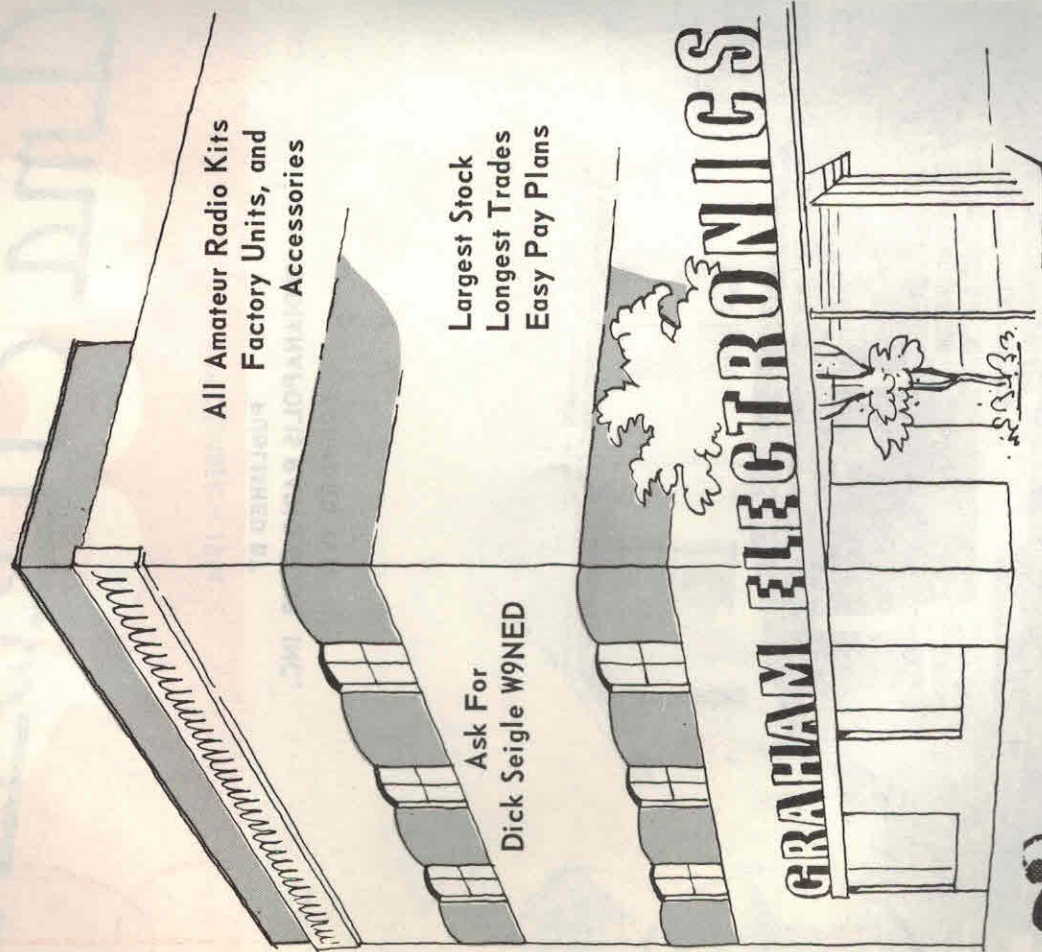
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PLENTY OF FREE PARKING

The Indianapolis Radio Club meets on the second and fourth Fridays of each month except July and August in the Indianapolis Park Board Building at 29th and Harding Streets. Meetings start promptly at 8 p.m. EST.

## AMA-CHEWER STAFF

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\* \* \* \* \*

Ama-Chewer is published monthly by and for the I.R.C. and all amateurs in the Indianapolis area. Non-members may subscribe for \$1.00 a year.

Publication is on the third Friday of each month, with all news items and ads due no later than the first Friday of each month.

Ham Ads (5 line limit) are free to members and subscribers. Others may submit ads for 50 cents each.

Ama-Chewer welcomes the forwarding of information on coming events and activities of other clubs for publication.

\* \* \* \* \*



I have written on this subject once before earlier this year, but now I wonder how many have actually heeded my plea. How many of you can truthfully say that you have exerted some effort to bring in a new member? I mean, have you called a likely prospect that you would like to have as a member and told him of good programs coming up in the near future? Have you offered to drive by and pick up a prospect who might otherwise forget the date? Have you mentioned the club to local contacts? Have you invited the fellows who work with you, or have you invited the hams you meet at the radio stores?

I think that a club in a community the size of our metropolitan area should be at least three times the size of our present membership.

The only way we can accomplish this is to have all the members working toward the same objective.

So wat sa, OM, the next two programs are excellent bait to tempt a prospect into visiting the club, so do your part.

73,

W9APJ

\* \* \* \*

## THE COVER

On the cover of this issue is a photo of the birthplace of the Indianapolis Radio Club, Card Dean's former home at 3115 N. Capitol. It was in the basement of this house, which still stands, by the way, that the club got its start on Oct. 28, 1914. Mr. Dean died a number of years ago, but his sister, Mabel Dean, 3354 Graceland, recently turned over to the club a number of photos of Mr. Dean and his workshop and ham station after hearing of the club's 50th anniversary observance. Some of them appear on pages 4 and 5.

We are grateful to Miss Dean for her thoughtfulness and generosity.

## PROGRAM PREVIEW

Nov. 27 - Bob Kryter will give the club an illustrated talk on "The Lure of the Orient." Bring the family for this program. Those of you who have heard Bob before know that he is an accomplished speaker and always presents a fine program.

Dec. 11 - Election night. Don't forget that you too can get up a slate of your favorite candidates, and above all, if you are chosen as a candidate, please do not withdraw unless it is absolutely impossible for you to serve. See pages 7, 8 and 9 for details.

\* \* \* \*

## A PAT ON THE BACK

The following letter, addressed to the IRC, was received recently:

"Dear Amateur Radio Operators:

"On behalf of the Indiana Chapter of Ninety-Nines, Inc., I want to thank you for the service you have rendered in our air marking program, Operation Silent Sentinel. Through our joint efforts, the Air Traffic Control Assn. and the Junior Chamber of Commerce, we completed 42 air markers and successfully sponsored 9 airlifts to raise \$4,500 for the year's program. We now have the biggest civic air marking program in the country. We feel, however, that a state program would be the solution for air marking over the years and hope to work toward that goal. Until then we will continue our Operation Silent Sentinel and look forward to working with you. Our new Air Activities Chairman is Marty Wyall, Ft. Wayne, and the new Air Marking Chairman is Esther Berner, Indianapolis. I know you will be hearing from them soon.

"Your wonderful cooperation and enthusiasm has been greatly appreciated.

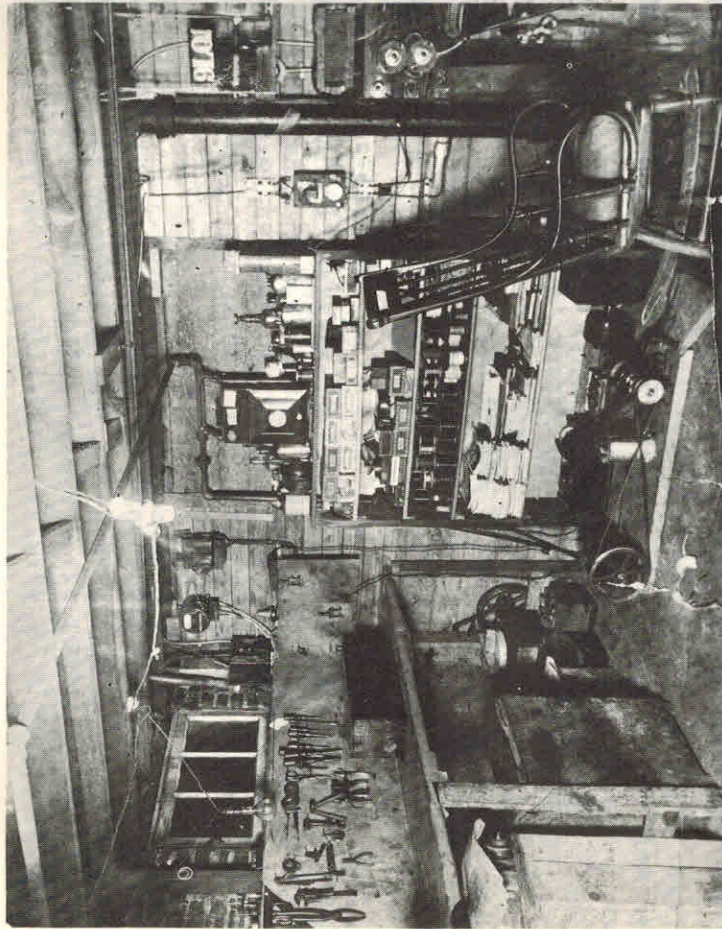
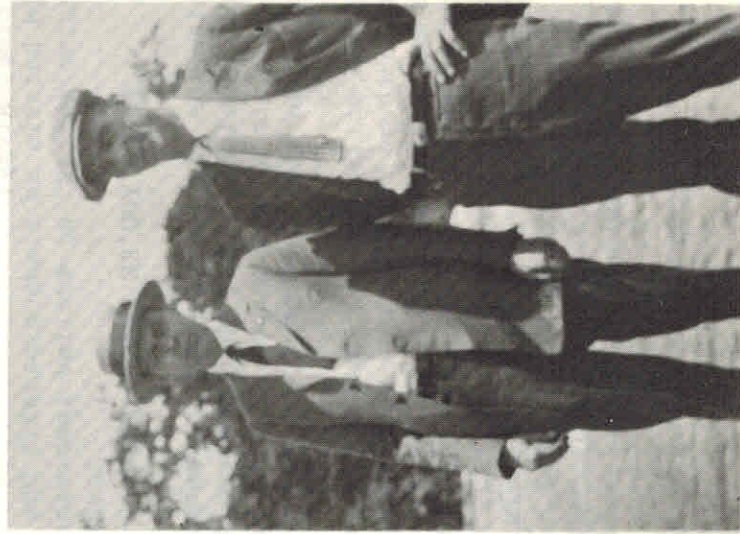
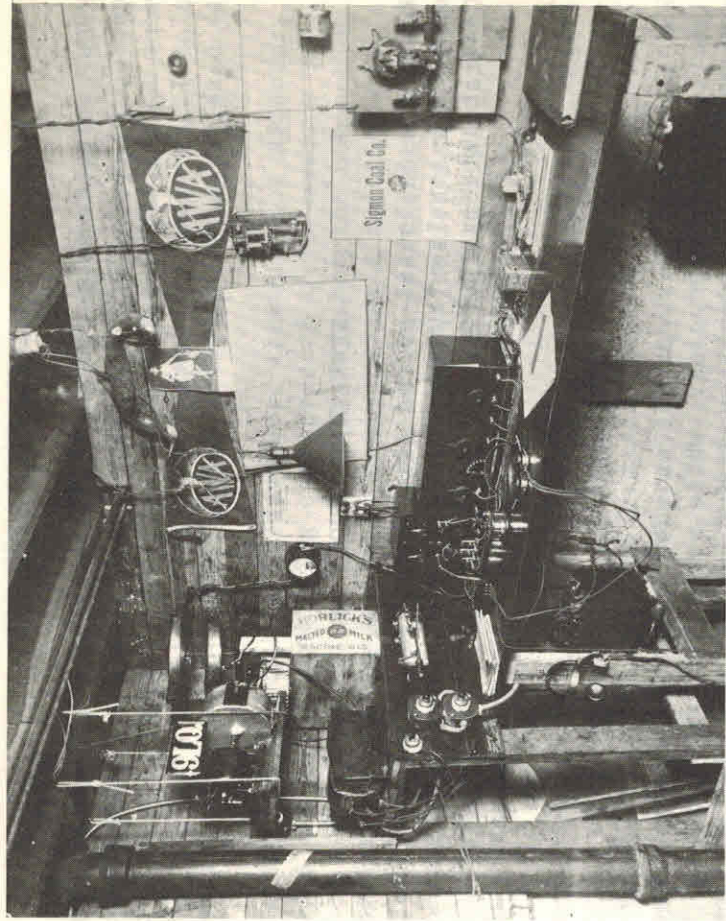
Sincerely,

Muriel Dykema

1963 Indiana Air Activities Chairman, 99s

1964 International Air Marking Chairman, 99s"





#### HISTORICAL PHOTOS

As mentioned on page 2, the club has received some photos of Carl Dean, of the house where the club got its start, and of Mr. Dean's workshop. Above is the workshop corner of the basement of a home Mr. Dean occupied at 3151 Boulevard Place a few years after the club began. On the facing page is a photo of his station, 9 LQ, also in the basement. Note the rotary spark gap suspended by ropes from the floor joists in the upper left corner of the picture. The calendar on the wall is April, 1921. A note on the back of the original photo says the 1 KW spark was heard in 29 states, and that the photo was made during fading tests conducted by the Bureau of Standards and the ARRL.

Below the ham station is a photo made years ago of Mr. Dean, on the right, and Harry Silcox, a close friend, who was present at the club's first meeting and attended our anniversary observance recently.



K9HNP is collecting old amateur call letter license plates and would appreciate receiving any that might otherwise be sent to the trash pile. He'll pay the postage (3rd or 4th class). If you have some, write Dave Heller, K9HNP, 14 Darkleaf Lane, Levittown, Pa.

\* \* \* \*

NEW BLIND SCHOOL OP

Kevin Nelson, pupil at the Blind School and son of club member Paul Nelson, W9BHC, has received the call WN9NBX. Congratulations, Kevin!

\* \* \* \*

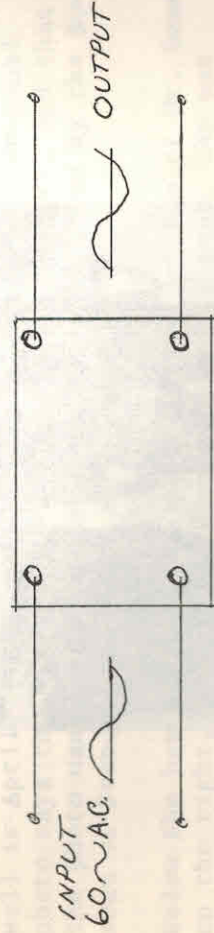
ONWARD AND UPWARD

W9JJC and W9APJ are working on moon bounce experiments on 1,000,000,000 megacycles. While working on the receiver director module, Alvey became infected with curly aluminum bugs. He found slapping them only makes them bite harder. Try DDT next time, Alvey.

\* \* \* \*

THINK YOU'RE SMART, HUH?

OK, then, design the simplest network to be placed in the "black box" shown below so that when the two input terminals are fed with 60 cycle AC the output will be exactly 180 degrees out of phase with the input.



IRC constitutional provisions for nomination and election of officers:

"Election of officers shall be held on the first regular meeting night in December of each year.

"During the first week of November, the board of directors shall appoint a nominating committee of three members in good standing. Before the 15th of November the nominating committee shall report their nominations, a majority of which must be licensed amateurs, to the secretary who shall immediately send to all club members: (a) written notices of such nominations, together with (b) a complete list of all club members who are eligible to hold office.

"Any group of five resident members in good standing, wishing to make nominations shall report their nominations, a majority of which must be licensed amateurs, to the secretary at least four days before the annual meeting.

"Only persons who have been members for one year or more are eligible to hold office or directorships.

"The officers and directors shall be elected by separate, successive, individual ballots in the following order:

1. President
2. Vice-President
3. Secretary
4. Treasurer
5. Chief Operator
6. 1st Director
7. 2nd Director

"The defeat of a candidate for one office shall not affect his eligibility for any other office or directorship in case his name appears as a candidate for more than one office; but is further provided that one candidate may be nominated to more than one office, and when he has been elected to one office his name shall be withdrawn as a candidate for the offices remaining to be filled. Vacancies caused by withdrawing successful candidates' name may be filled with a defeated candidate's name by nomination and vote from the floor."

(continued on next page)



## ELIGIBLE MEMBERS

In keeping with the constitutional requirement on the preceding page, you are herewith supplied with a list of all Indianapolis Radio Club members eligible to hold office:

James R. Adams, WA9BHF	Leo E. Laird
William T. Akin, Jr., K9YDO	Craig Larson, WA9AKU (*)
Donald R. Alsop, K9SHP	Marshall Lincoln, K9KTL
D. J. Angus, W9CYQ	George Lone, K9CBY
Robert Annis, W9CUD	Gerald Lucas, W9APJ
M. C. Bartlett, W9MC	Fred Manning, W9VPN
Paul Beckerich, W9SUN	Elmer Marchino, W9PCL
Garold Bramblett, W9POF	Thomas Mayeda, WA9DID
Bert Brouse, K9JSF	Alvin J. Minnick, K9SUW
Robert T. Brown, WA9DTM	Bob Osterhaus, W9PSE
Bill Branche, K9CLO (*)	Richard Owens, K9OFG
Ralph Bundy, W9MEK	Henry Peterson, W9ZRK
Jesse Butler, Jr., K9PCA	Alvey F. Pittman, W9JJC
Elizabeth Carmean, WA9DYU	Merrill Price, W9BZB
Lewis A. Carmean, WA9DYT	James D. Rees, K9YKH
Steven L. Carmean, WA9DYV	Claude Richie, W9TKV
Robert Caskey, W9DNQ	Frances Rufner, W9OSH
Doyle D. Coffin, WA9CKZ	Mark Rufner, W9OSG
Robert Creviston, K9VMG	Charl H. Ryan, K9WST
Richard O. Daupert	Robert J. Scott, WA9BSK
Morris K. DeWitt, K9RYK	Howard Severeid, W9DPL
Wesley E. Dyer, K9IBA	Cliff Singer, W9SWD
Arthur G. Evans, W9TQC	Doris Singer, K9IXD
Frank Fitch, W9EJW	Jim Smith, K9DZZ
Raymond Forbes, Sr., W9HNS	Walter Smith, WA9BHV
Mary Galloway, K9WJR	Ward Studor, WA9CCX
Max Galloway, K9OXA	James Sugioka, W9CKB
Paul S. Gregg, W9POC	John P. Sukup, W9UJY
Robert Heaton, K9RDL	Vernon B. Swigert, K9YBZ
Frank Hechinger, WA9KZS (*)	Elmer Taflinger, W9GRN
A. Bill Hickok, K9AOM	Earl C. Terrill, WA9HCQ
Richard W. Hickok, K9AOM	James G. Thomas
Curtis W. Hunter, K9LVS	Richard L. Thompson, WA9LGN(*)
Patrick J. Husk, K9EUQ	Gene VanSickle, W9KJF
John Jones, W9FZW	Edwin J. Ward, K9CRS
F. E. Kamplain W9SWR	Perry L. Wefler, W9GAR
Chuck Key, K9UDW (*)	Jack Wells, W9EJP
Robert E. Kiefer, K9JKH	Ronald C. Williams, W9JVF
Wade Kingery, W9JGZ	Comer Wolf, W9FLD
Richard M. Kinnett, K9VIE	Hank Wolfla, K9LZJ
Earl Kirk, W9OET	John Wilson, K9FIP (*)

Members with an asterisk (\*) shown after their name are eligible to vote but NOT hold office. They have not been members for one year.

\* \* \* \* \*

## NOMINATING COMMITTEE REPORT

The following members of the Indianapolis Radio Club were nominated as candidates for office by the nominating committee appointed by the President pursuant to the constitution of the IRC.

PRESIDENT	Bert Brouse, K9JSF
VICE-PRESIDENT	Richard M. Kinnett, K9VIE
SECRETARY	Ward Studor, WA9CCX
TREASURER	Patrick J. Husk, K9EUQ
CHIEF OPERATOR	Marshall Lincoln, K9KTL
1st DIRECTOR	Jerry Lucas, W9APJ
2nd DIRECTOR	Walt Smith, WA9BHV

## NOMINATING COMMITTEE:

Richard M. Kinnett, K9VIE  
Robert Caskey, W9DNQ  
Al Minnick, K9SUW

\* \* \* \* \*

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See Gene-W9KJF or Chuck - K9UDW





Oct 9 - The program was provided by members of the Tech High School Radio Club sponsored by Jerry Bramblett, W9POF. Members who presented the program are shown above with Jerry and some of the exhibits they brought. They described their club activities and related the club's history, surprising some with the information that the Tech Radio Club was organized in 1915, making it only a year younger than the IRC.

It was stimulating to hear that the club teaches its members of the public service aspects of ham radio and the meaning of PICON (how many IRC members know what that means?)

An inspirational placard titled "I'm a Ham," given to all Tech Radio Club members upon joining, is shown on page 12.

Oct 23 - Art Schultz, W9NNX, is shown on the facing page with the demonstration binary computer he showed off for IRC members. He built the computer for use in math teaching at Purdue extension.

After explaining some of the basics of mathematics and tell-



ing of early attempts to make machines that would perform mathematical chores, Art explained the binary system of counting. This system is used in computers because computer circuits recognize only two numerals, indicated by the off and on states of the circuits. He then demonstrated the use of the computer in adding, and let all the two-toed sloths in the audience prove that 2 plus 2 plus 2 equals 6, if the bias is correct.

\* \* \*

HAM-ADS

Hallicrafters SX-110 receiver in excellent condition. Call FL 7-2659 Saturday or Sunday before 5 p.m.

Surplus Collins 32R A-8 transmitter, phone & CW. Three 807's in parallel. Four 6L6 modulators. Two 866 rectifiers. Four bands crystal controlled. Less final tank coils, \$20. W9CKB FL 6-2839; FL 3-1491 ext 289.



## *I'm A Ham*

*By the flip of a switch I can call into my home friends from far and near, and engage them in stimulating conversation whenever I choose.*

*Executives, students, business and professional friends are all embraced by this alluring hobby, and willingly share their experiences with me.*

*Congenial fellow-Hams can be found at the turn of the road when I'm traveling, all eager to smooth my path, and make my trips pleasant.*

*A amateur licenses have been held by hundreds of top men in the radio industry, and have often proved to be the first step to their success.*

*Understanding and good will are strengthened through free speech among these hobbyists in all lands exerting a broadening influence on all.*

*Since ours is the only hobby in the world that requires a government license, this factor gives us a feeling of accomplishment and of belonging.*

*Earthquakes, floods, or fires have always found the Ham eager to act in emergency so this hobby we share has even been used to save lives.*

## ARRL BULLETINS

Official Bulletin Nr 975 Oct 22 1964

Once again ARRL reminds League affiliated clubs and their members of the continuing availability of training aids designed to enhance club education and interest. The Training Aids Library includes technical films, film strips and slide collections as well as quizzes and tape recordings on many phases of amateur radio technique, operation and history. ARRL affiliated club officers should request training aids well in advance of the date required. Full information is available from the ARRL Communications Department, 225 Main Street, Newington, Conn. 06111.

Official Bulletin Nr 976 Oct 29 1964

The annual ARRL cross indexed Net Directory is now ready for distribution and copies are being mailed to those who have requests on file. Other copies will be mailed only upon specific request. There is no automatic mailing list. If you want a copy of the new ARRL Net Directory, mail or radio a request to the ARRL Communications Department.

Official Bulletin Nr 977 Nov 5 1964

Among the many operating aids available without charge from ARRL are the following, all designed to aid your operating effectiveness: Pointers for Good Operating, WAS map and card record, net directory, phonetic alphabet, ending signals, RST system, DX code, contest QSO record, safety code, ARRL DXCC Counties List, QN signals for CW net operation, and GMT time conversion card. Any or all of these are available from the ARRL Communications Department.

\* \* \* \* \*

Radio-Electronics reports the Rutledge Hotel on Lexington Avenue in New York City is attempting to establish itself as "ham headquarters." Special discount rates are offered guests who produce an operator's license when registering, and an amateur station is available for use of visiting hams.

\* \* \* \* \*

When we declared our independence on the Fourth of July and became a new nation, who gave us economic and technical assistance?



It was just about 20 years ago that the club had to vacate the Insley building, and President Leroy Waggoner, in a letter to the club members published in Ama-Chewer, bemoaned the lack of attendance at the meetings then being held in the Cropsey Auditorium at the Public Library. Some blame was laid to the fact that there was no smoking permitted and the fact that it was not downtown where all the street car lines passed close. (Remember this was during rationing.) As a result, the club directors decided to hold a series of meetings at the Warren Hotel.

The speaker at the first meeting there was Everitt Taylor, W8NAF/9, of Noblitt-Sparks, whose subject was "Designing and Building 2½-Meter Equipment." This was in line with the WERS program which was the main topic and activity for those still at home.

A few months later Alvey Pittman took over the duties of president to replace Leroy Waggoner who had gone into the Merchant Marine. In July, 1943, it was announced that WERS license WKPZ had been received. This was at a time when club activities and the Ama-Chewer publication were at a low ebb because of so many members in the service, out of town, or unable to get away from work to attend meetings or report on their activities. There were 47 operators listed as having received WERS permits. The set-up included fixed stations at fire stations 28, 23, 9, 3 and 12, and the control center at 152 E. 22nd, the police radio station at State and Washington, and fire headquarters at New York and Alabama. Activities were directed at getting antennas up and equipment operating.

Club programs included the use of Lecher wires for frequency determination by Bill Leuth (2½ meters was fairly new territory at that time). Art Schultz presented a program on high frequency detectors, including the super regenerator.

Tom Wonnell reported in from Majors Air Field, Greenville, Tex., where he was in training. James A Lovell wrote from the Lexington, Ky., Signal Training Depot for radio technicians. He advised they could use more trainees there. The RI was reported in twon for examinations, since even though one could not get on the air, licenses till were being iss-

ued for the time when.

The WERS assisted in a bond drive and helped collect \$20,000. A broadcast station promoting the sale of bonds would send word of a buyer to the control center. The zone station would contact a mobile unit, and a civilian defense officer riding with the WERS operator would deliver the bond and collect the money. This gave practical operation for the WERS net as well as assist in the bond drive. Trouble with a receiver at one of the control stations was quickly remedied by substitution just as would have been done in an actual emergency operation. Trouble still was being experienced with off-frequency operation, however. (You might wonder why crystals were not used, but the answer is in the present availability of military crystals that then were being used in Army and Navy equipment. In other words, hams had to use what they had.)

\* \* \*

#### STAMP EXCHANGE

Claude Richie, W9TKV, reports a Soviet ham wishes to trade Soviet stamps for International Reply Coupons. You can write (25¢ airmail) to:

UWØFK  
Slava Lyubchenko  
P O Box 102  
Yuzhno-Sakhalinsk  
Sakhalin Island USSR

\* \* \*

#### GRAHAMS SPECIALS

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Halllicrafter SX-100 Receiver	\$165.00
Hammarlund HQ 170-C Receiver	\$265.00
Hammarlund HQ 110-C Receiver	\$159.00
Johnson Ranger Xmtr.	\$119.00
Globe Champ "350"	\$179.00
Gonset Communicator II...6 meter	\$115.00
Lafayette HE 45...6 meter transceiver	\$ 69.00
Heath DX-100.....REAL CLEAN	\$ 89.00

M E R R Y C H R I S T M A S

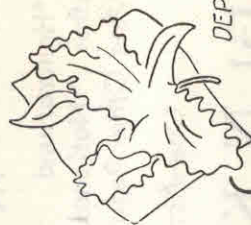


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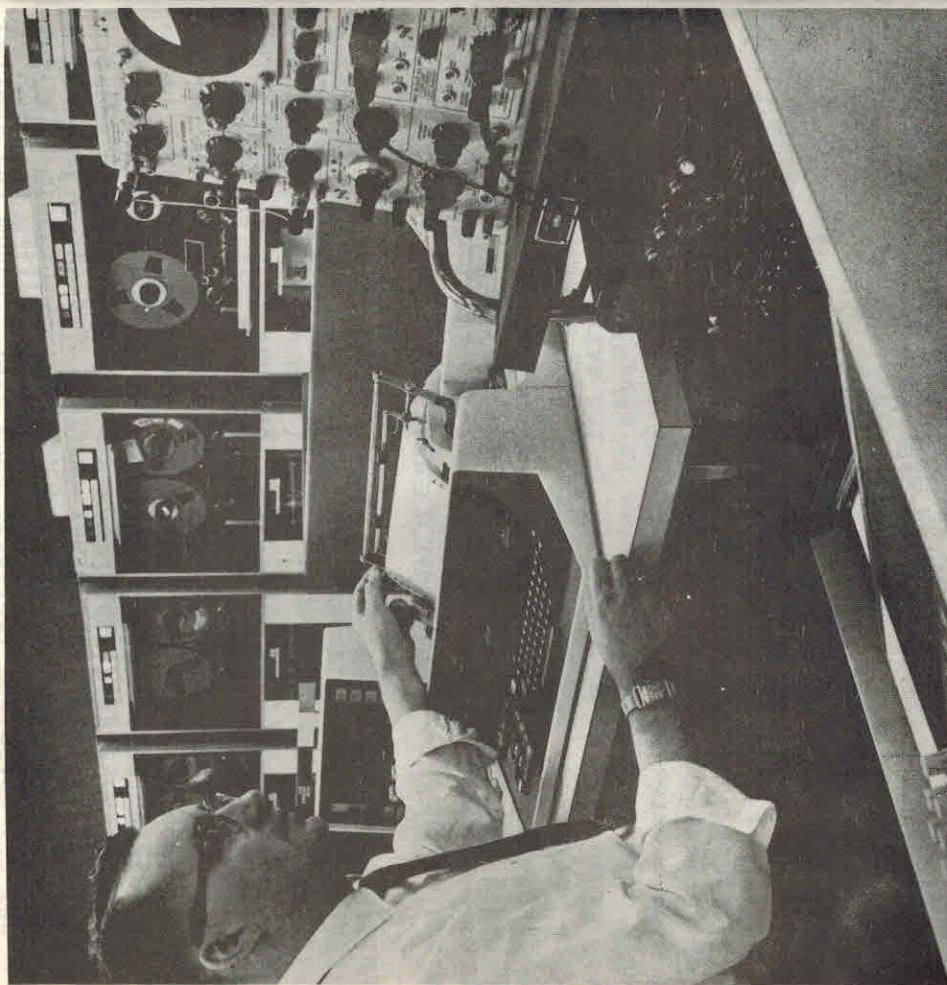
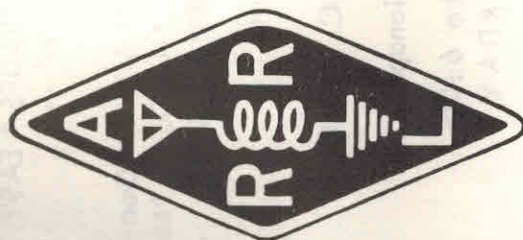
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ROY W9YMV



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SO I FIGURED I'D GET SET UP TO HANDLE IT MORE EFFICIENTLY THIS YEAR."